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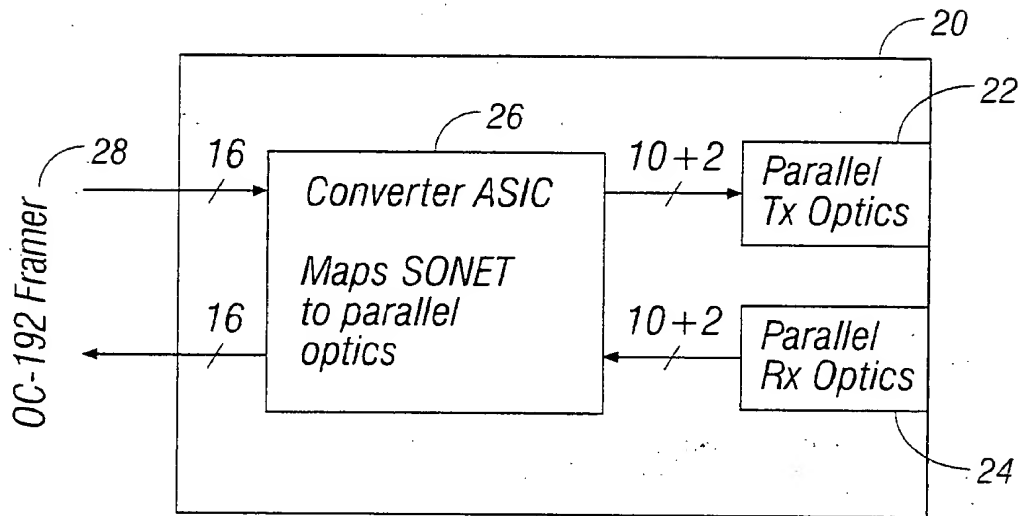


FIG. 1

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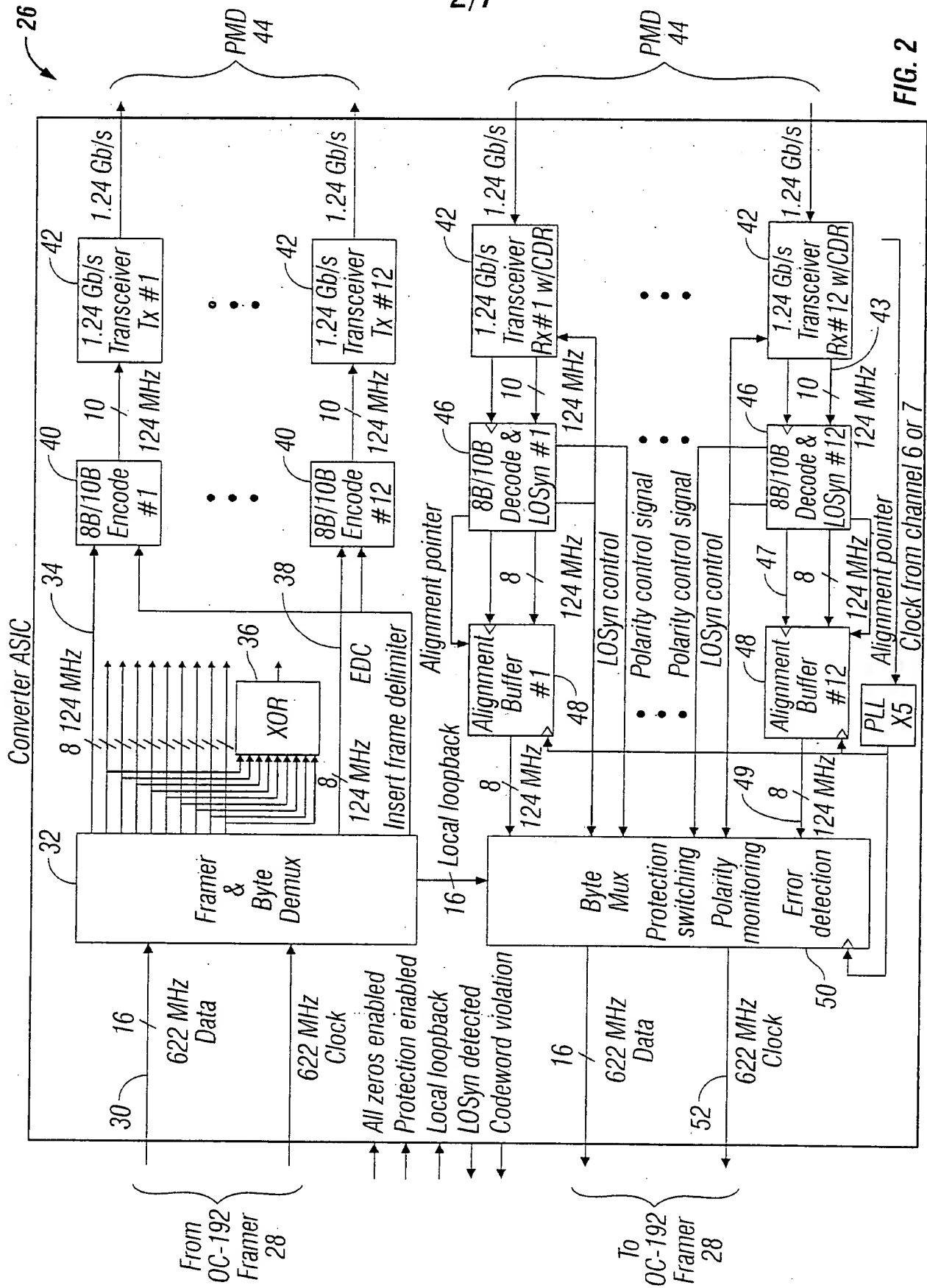


FIG. 2

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Code group name	Octet Value	Current RD-	Current RD +
		abcdei fghj	abcdei fghj
K28.5	BC	001111 1010	110000 0101
D3.1 <sup>a</sup>	23	110001 1001	110001 1001
D21.2 <sup>a</sup>	55	101010 0101	101010 0101

a. Both D3.1 and D21.2 have neutral mark/space density.

FIG. 3

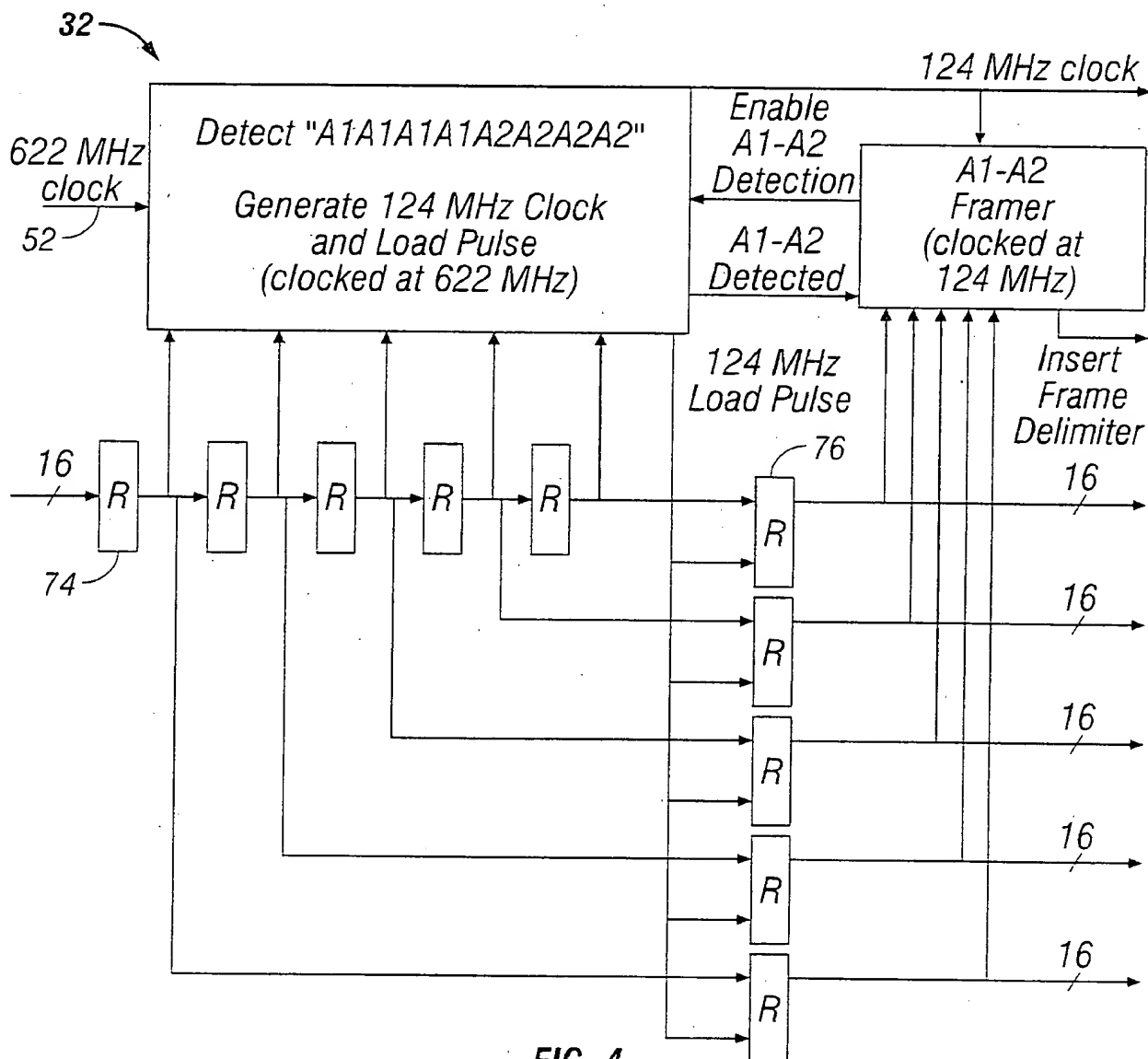


FIG. 4

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	1	2	3	4	19	20	21	15552	1	2	3			
Link 1	K28.5	D3.1	K28.5	A1 <sub>31</sub>	...	A1 <sub>181</sub>	A1 <sub>191</sub>	A2 <sub>9</sub>	...	SPE	K28.5	D3.1	K28.5	...
Link 2	K28.5	D3.1	K28.5	A1 <sub>32</sub>	...	A1 <sub>182</sub>	A1 <sub>192</sub>	A2 <sub>10</sub>	...	SPE	K28.5	D3.1	K28.5	...
Link 3	K28.5	D3.1	K28.5	A1 <sub>33</sub>	...	A1 <sub>183</sub>	A2 <sub>1</sub>	A2 <sub>11</sub>	...	SPE	K28.5	D3.1	K28.5	...
Link 4	K28.5	D3.1	K28.5	A1 <sub>34</sub>	...	A1 <sub>184</sub>	A2 <sub>2</sub>	A2 <sub>12</sub>	...	SPE	K28.5	D3.1	K28.5	...
Link 5	K28.5	D3.1	K28.5	A1 <sub>35</sub>	...	A1 <sub>185</sub>	A2 <sub>3</sub>	A2 <sub>13</sub>	...	SPE	K28.5	D3.1	K28.5	...
Link 6	K28.5	D3.1	K28.5	A1 <sub>36</sub>	...	A1 <sub>186</sub>	A2 <sub>4</sub>	A2 <sub>14</sub>	...	SPE	K28.5	D3.1	K28.5	...
Link 7	K28.5	D21.2	K28.5	A1 <sub>37</sub>	...	A1 <sub>187</sub>	A2 <sub>5</sub>	A2 <sub>15</sub>	...	SPE	K28.5	D21.2	K28.5	...
Link 8	K28.5	D21.2	K28.5	A1 <sub>38</sub>	...	A1 <sub>188</sub>	A2 <sub>6</sub>	A2 <sub>16</sub>	...	SPE	K28.5	D21.2	K28.5	...
Link 9	K28.5	D21.2	K28.5	A1 <sub>39</sub>	...	A1 <sub>189</sub>	A2 <sub>7</sub>	A2 <sub>17</sub>	...	SPE	K28.5	D21.2	K28.5	...
Link 10	K28.5	D21.2	K28.5	A1 <sub>40</sub>	...	A1 <sub>190</sub>	A2 <sub>8</sub>	A2 <sub>18</sub>	...	SPE	K28.5	D21.2	K28.5	...
Link 11	K28.5	D3.1	K28.5	XOR (1-10)	...	XOR (1-10)	XOR (1-10)	XOR (1-10)	...	XOR (1-10)	K28.5	D21.2	K28.5	...
Link 12*	K28.5	D21.2	K28.5	EDC	...	EDC	EDC	EDC	...	EDC	K28.5	D21.2	K28.5	...

100

FIG. 5

FIG. 5

100

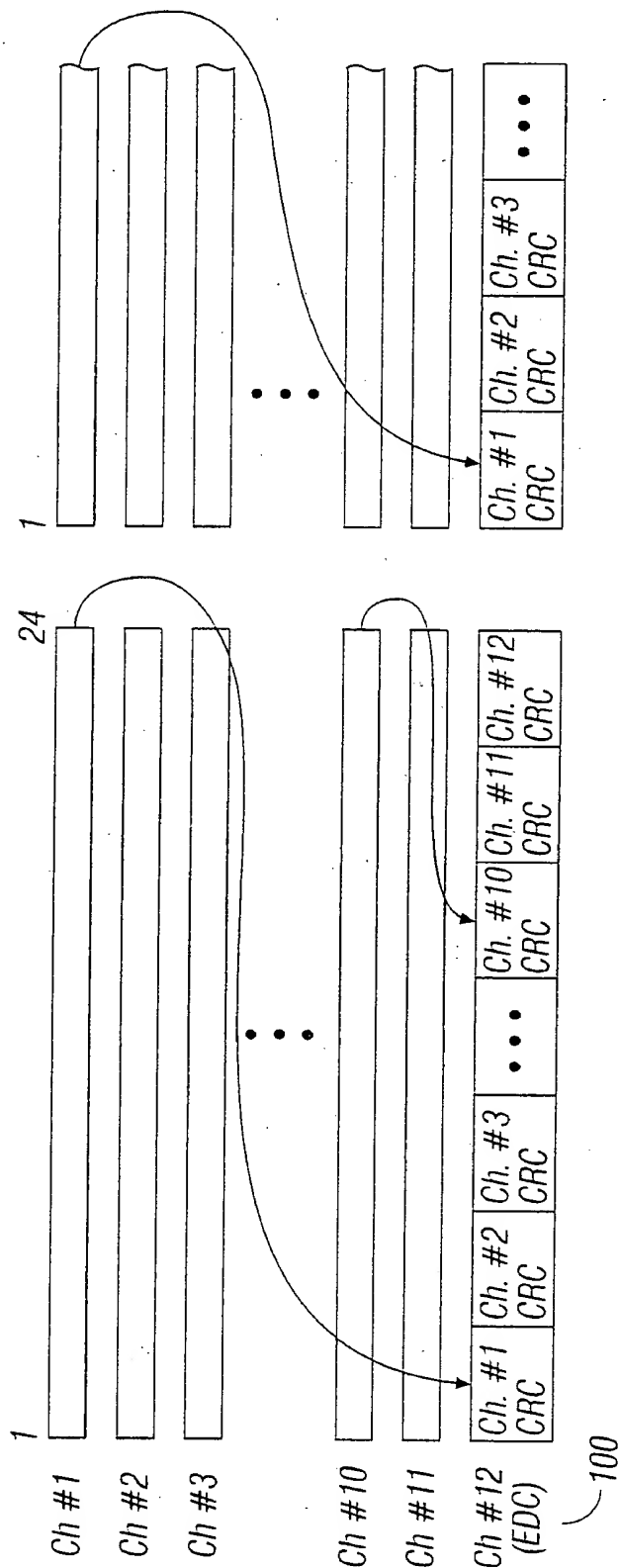


FIG. 6

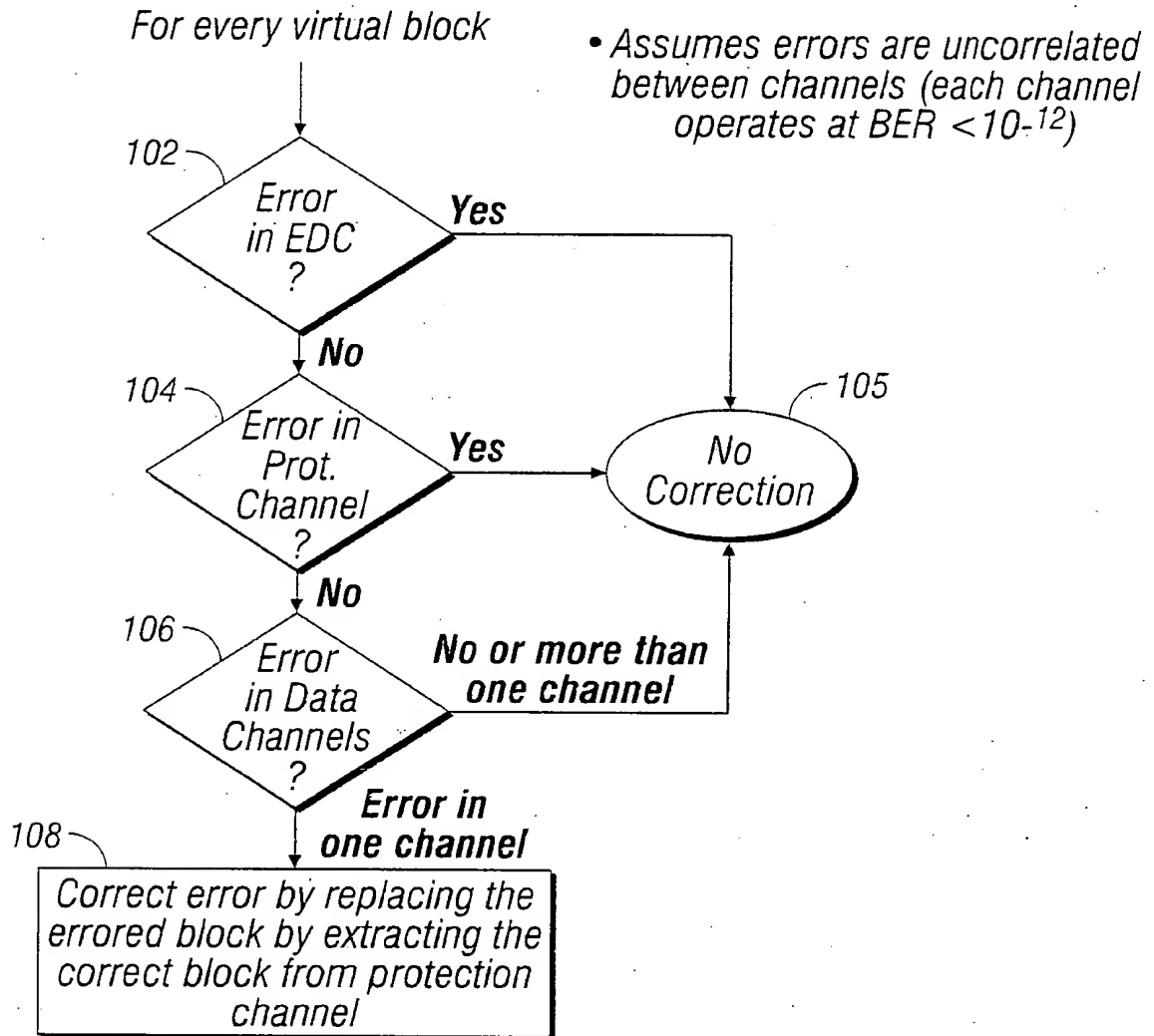


FIG. 7

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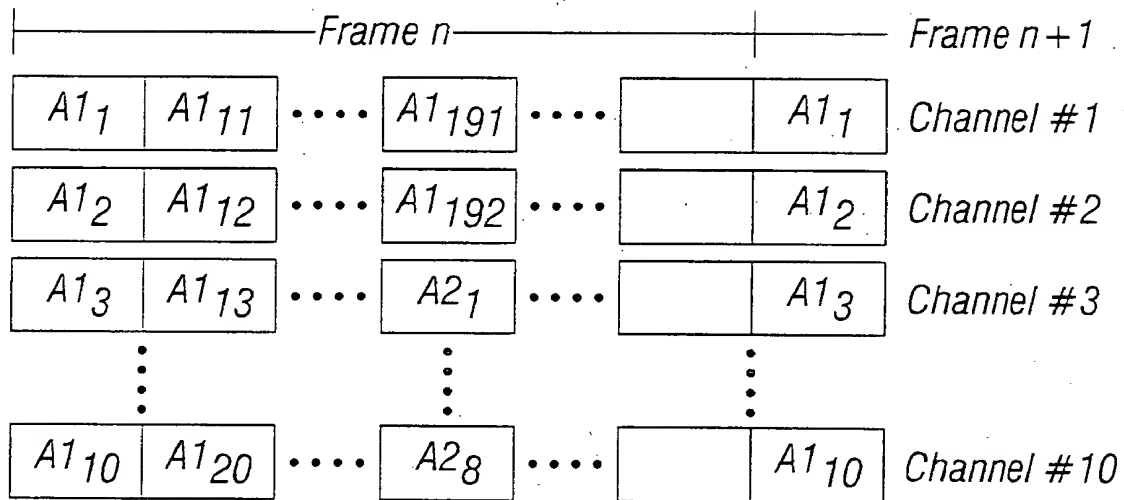
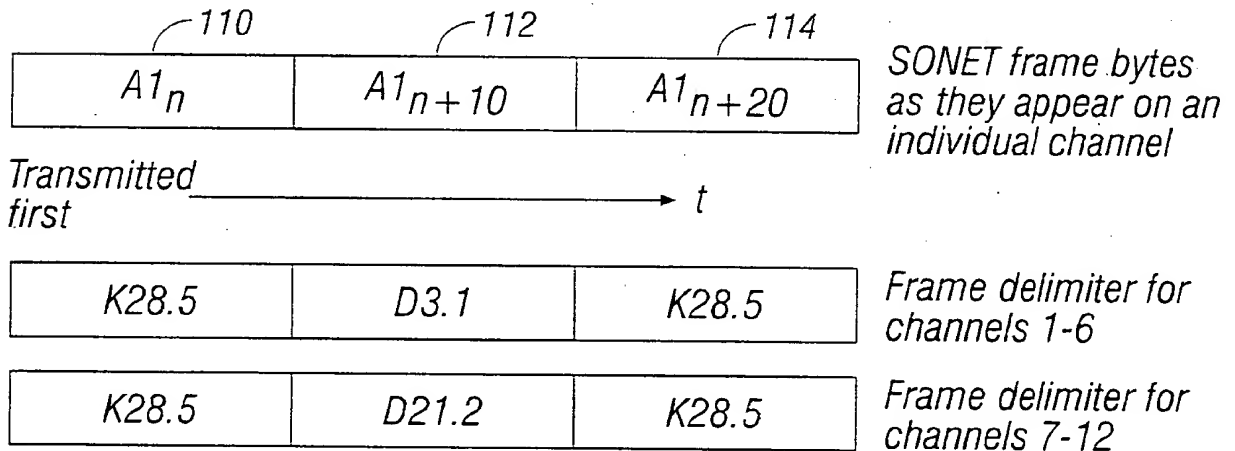


FIG. 8



Note: D3.1 and D21.2 have neutral running disparity to ensure that two K28.5's have opposite disparity.  
 D3.1 and D21.2 are used as the channel identifiers

FIG. 9